

### Abstract

- An adjustable tensioner with a base, a pivot-arm that oscillates about a pivot secured to the base, a pulley attached to the pivot-arm, a compression spring with a
- 5 first end operatively connected to the pivot-arm and a second end operatively connected to a shoe that presses a convex surface of the shoe against a concave arcuate surface of the pivot-arm, to the shoe held in place against a protuberance secured to the base by a balance of forces.
- 10 An adjustment feature allows setting a base position with respect to an indicated predetermined belt spring force.